

```

=> s GDNF (3a) receptor#
L1      967 GDNF (3A) RECEPTOR#

=> s l1 and (GFRalpha3 or (GFR(2a)3) or retL3)
L2      51 L1 AND (GFRALPHA3 OR (GFR(2A) 3) OR RETL3)

=> s l2 (20a) (murine or mouse)
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L6 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L7 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L8 (20A) '
PROXIMITY OPERATOR LEVEL NOT CONSISTENT WITH
FIELD CODE - 'AND' OPERATOR ASSUMED 'L9 (20A) '
L3      30 L2 (20A) (MURINE OR MOUSE)

=> s l2 and (murine or mouse)
L4      30 L2 AND (MURINE OR MOUSE)

=> duplicate remove
ENTER L# LIST OR (END):l4
DUPLICATE PREFERENCE IS 'MEDLINE, BIOSIS, USPATFULL, PCTFULL'
KEEP DUPLICATES FROM MORE THAN ONE FILE? Y/(N):n
PROCESSING COMPLETED FOR L4
L5      27 DUPLICATE REMOVE L4 (3 DUPLICATES REMOVED)

=> d 1-27

L5      ANSWER 1 OF 27  USPATFULL on STN
AN      2006:41174  USPATFULL
TI      Promotion of axonal regeneration
IN      Lin, John (Chia-Yang), Mountain View, CA, UNITED STATES
        Rosenthal, Arnon, Woodside, CA, UNITED STATES
PI      US 2006035826      A1  20060216
AI      US 2004-917905      A1  20040813 (10)
DT      Utility
FS      APPLICATION
LN.CNT  2200
INCL    INCLM: 514/012.000
NCL     NCLM: 514/012.000
IC      IPCI  A61K0038-17 [I,A]
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5      ANSWER 2 OF 27  USPATFULL on STN
AN      2005:268043  USPATFULL
TI      Isolated nucleic acid molecule encoding a neurotrophic growth factor
IN      Masure, Stefan Leo Jozef, Brasschaat, BELGIUM
PI      US 2005233359      A1  20051020
AI      US 2005-74498      A1  20050308 (11)
RLI     Continuation of Ser. No. US 1999-357349, filed on 14 Jul 1999, PENDING
        Continuation-in-part of Ser. No. US 1999-327668, filed on 8 Jun 1999,
        ABANDONED Continuation-in-part of Ser. No. US 1999-248772, filed on 12
        Feb 1999, ABANDONED
PRAI    GB 1998-15283      19980714
DT      Utility
FS      APPLICATION
LN.CNT  2538
INCL    INCLM: 435/006.000
        INCLS: 435/069.100; 435/320.100; 435/325.000; 530/399.000; 536/023.500
NCL     NCLM: 435/006.000
        NCLS: 435/069.100; 435/320.100; 435/325.000; 530/399.000; 536/023.500
IC      [7]
        ICM  C12Q001-68
        ICS  C07H021-04; C07K014-475; C12N015-09
        IPCI C12Q0001-68 [ICM,7]; C07H0021-04 [ICS,7]; C07K0014-475 [ICS,7];
        C12N0015-09 [ICS,7]

```

IPCR A61K0038-00 [N,A]; A61K0038-00 [N,C]; C07K0014-435 [I,C];  
C07K0014-475 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 3 OF 27 USPATFULL on STN  
AN 2005:254836 USPATFULL  
TI **GFRalpha3** and its uses  
IN de Sauvage, Frederic J., Foster City, CA, UNITED STATES  
Klein, Robert D., Palo Alto, CA, UNITED STATES  
Phillips, Heidi S., Palo Alto, CA, UNITED STATES  
Rosenthal, Arnon, Burlingame, CA, UNITED STATES  
PI US 2005221330 A1 20051006  
AI US 2003-621855 A1 20030716 (10)  
RLI Division of Ser. No. US 1999-272835, filed on 19 Mar 1999, PENDING  
PRAI US 1998-79124P 19980323 (60)  
US 1998-81569P 19980413 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 4394  
INCL INCLM: 435/006.000  
INCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
NCL NCLM: 435/006.000  
NCLS: 435/069.100; 435/320.100; 435/325.000; 530/350.000; 536/023.500  
IC [7]  
ICM C12Q001-68  
ICS C07H021-04; C07K014-71; C12N015-09  
IPCI C12Q0001-68 [ICM,7]; C07H0021-04 [ICS,7]; C07K0014-71 [ICS,7];  
C12N0015-09 [ICS,7]  
IPCR C07K0014-435 [I,C]; C07K0014-71 [I,A]; G01N0033-573 [I,A];  
G01N0033-573 [I,C]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 4 OF 27 USPATFULL on STN  
AN 2005:234072 USPATFULL  
TI Mitigating symptoms and behaviors of substance abuse by modulating GDNF  
or BDNF pathway activity  
IN Ron, Dorit, San Francisco, CA, UNITED STATES  
PA The Regents of the University of California (U.S. corporation)  
PI US 2005203011 A1 20050915  
AI US 2004-946625 A1 20040920 (10)  
PRAI US 2003-504083P 20030919 (60)  
US 2003-505545P 20030923 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 3566  
INCL INCLM: 514/012.000  
INCLS: 435/015.000; 435/007.200; 435/006.000  
NCL NCLM: 514/012.000  
NCLS: 435/006.000; 435/007.200; 435/015.000  
IC [7]  
ICM C12Q001-68  
ICS G01N033-53; G01N033-567; C12Q001-48; A61K038-12  
IPCI C12Q0001-68 [ICM,7]; G01N0033-53 [ICS,7]; G01N0033-567 [ICS,7];  
C12Q0001-48 [ICS,7]; A61K0038-12 [ICS,7]  
IPCR A61K0038-12 [I,A]; A61K0038-12 [I,C]; C12Q0001-48 [I,A];  
C12Q0001-48 [I,C]; C12Q0001-68 [I,A]; C12Q0001-68 [I,C];  
G01N0033-53 [I,A]; G01N0033-53 [I,C]; G01N0033-567 [I,A];  
G01N0033-567 [I,C]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 5 OF 27 USPATFULL on STN  
AN 2005:183437 USPATFULL  
TI Neublabin expression constructs  
IN Pederson, Nels E., Mansfield, MA, UNITED STATES  
Sisk, William P., Boxborough, MA, UNITED STATES  
PI US 2005158824 A1 20050721  
AI US 2004-957221 A1 20041001 (10)  
PRAI US 2003-507483P 20031002 (60)

DT Utility  
 FS APPLICATION  
 LN.CNT 1256  
 INCL INCLM: 435/069.100  
 INCLS: 435/320.100; 435/358.000; 530/350.000; 536/023.500  
 NCL NCLM: 435/069.100  
 NCLS: 435/320.100; 435/358.000; 530/350.000; 536/023.500  
 IC [7]  
 ICM C07K014-705  
 ICS C07H021-04; C12N005-06  
 IPCI C07K0014-705 [ICM,7]; C07H0021-04 [ICS,7]; C12N0005-06 [ICS,7]  
 IPCR A61K0048-00 [I,A]; A61K0048-00 [I,C]; C07K0014-435 [I,C];  
 C07K0014-475 [I,A]; C12N0015-867 [I,A]; C12N0015-867 [I,C]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 6 OF 27 USPATFULL on STN  
 AN 2005:68962 USPATFULL  
 TI Bivalent targeting of cell surfaces  
 IN Ringold, Gordon, Los Altos Hills, CA, UNITED STATES  
 PI US 2005059101 A1 20050317  
 AI US 2004-938863 A1 20040910 (10)  
 PRAI US 2003-501678P 20030910 (60)  
 DT Utility  
 FS APPLICATION  
 LN.CNT 1271  
 INCL INCLM: 435/007.230  
 INCLS: 530/388.800; 530/391.100  
 NCL NCLM: 435/007.230  
 NCLS: 530/388.800; 530/391.100  
 IC [7]  
 ICM G01N033-574  
 ICS A61K039-395; C07K016-30  
 IPCI G01N0033-574 [ICM,7]; A61K0039-395 [ICS,7]; C07K0016-30 [ICS,7]  
 IPCR C07K0016-18 [I,C]; C07K0016-30 [I,A]  
 CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 7 OF 27 USPATFULL on STN  
 AN 2005:146584 USPATFULL  
 TI Ret-independent signaling pathway for GDNF  
 IN Titievsky, Alexey Vladimirovich, Helsinki, FINLAND  
 Poteriaev, Dmitri, Helsinki, FINLAND  
 Arumae, Urmas, Espoo, FINLAND  
 Saarma, Mart, Helsinki, FINLAND  
 PA Licestia Ltd., Helsinki, FINLAND (non-U.S. corporation)  
 PI US 6905817 B1 20050614  
 AI US 1999-410319 19991001 (9)  
 PRAI US 1998-102647P 19981001 (60)  
 DT Utility  
 FS GRANTED  
 LN.CNT 2038  
 INCL INCLM: 435/006.000  
 INCLS: 435/320.100; 435/252.800; 435/174.000; 435/183.000; 382/129.000;  
 382/133.000; 382/153.000; 382/173.000; 382/286.000; 382/291.000;  
 702/019.000; 702/022.000; 935/010.000; 935/024.000; 935/072.000;  
 536/022.100  
 NCL NCLM: 435/006.000  
 NCLS: 382/129.000; 382/133.000; 382/153.000; 382/173.000; 382/286.000;  
 382/291.000; 435/174.000; 435/183.000; 435/252.800; 435/320.100;  
 435/368.000; 435/455.000; 536/022.100; 702/019.000; 702/022.000  
 IC [7]  
 ICM C12Q001-68  
 ICS C12N015-00; C12N015-63; C12N001-20; C07H021-04  
 IPCI C12Q0001-68 [ICM,7]; C12N0015-00 [ICS,7]; C12N0015-63 [ICS,7];  
 C12N0001-20 [ICS,7]; C07H0021-04 [ICS,7]  
 IPCR C07H0021-00 [I,C]; C07H0021-04 [I,A]; C12N0001-20 [I,A];  
 C12N0001-20 [I,C]; C12N0015-00 [I,A]; C12N0015-00 [I,C];  
 C12N0015-63 [I,A]; C12N0015-63 [I,C]; C12Q0001-68 [I,A];  
 C12Q0001-68 [I,C]

EXF 435/6; 435/91.1; 435/91.2; 536/24.3; 935/6; 436/518  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 8 OF 27 USPATFULL on STN  
AN 2005:65135 USPATFULL  
TI GFR $\alpha$ 1-RET specific agonists and methods therefor  
IN Milbrandt, Jeffrey D., St. Louis, MO, United States  
Baloh, Robert H., St. Louis, MO, United States  
PA Washington University, St. Louis, MO, United States (U.S. corporation)  
PI US 6866851 B1 20050315  
AI US 1999-473551 19991228 (9)  
DT Utility  
FS GRANTED  
LN.CNT 2401  
INCL INCLM: 424/192.100  
INCLS: 424/185.100; 424/184.100; 530/350.000; 530/399.000; 514/002.000;  
435/377.000  
NCL NCLM: 424/192.100  
NCLS: 424/184.100; 424/185.100; 435/377.000; 514/002.000; 530/350.000;  
530/399.000  
IC [7]  
ICM A61K039-00  
ICS A61K039-38; A61K038-24; C12N005-00; A01N037-18  
IPCI A61K0039-00 [ICM,7]; A61K0039-38 [ICS,7]; A61K0038-24 [ICS,7];  
C12N0005-00 [ICS,7]; A01N0037-18 [ICS,7]  
IPCR C07K0014-435 [I,C]; C07K0014-475 [I,A]  
EXF 424/184.1; 424/185.1; 424/192.1; 514/2; 530/350; 530/399; 435/377;  
435/325; 536/23.51  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 9 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on STN  
AN 2005:556313 BIOSIS  
DN PREV200510341969  
TI Identification, expression and functional characterization of the GRAL  
gene.  
AU Li, Zhihua; Wang, Bingwei; Wu, Xuefei; Cheng, Shi-Yuan; Paraoan, Luminita;  
Zhou, Jiawei [Reprint Author]  
CS Chinese Acad Sci, Inst Biochem and Cell Biol, Key Lab Proteom, Shanghai  
Inst Biol Sci, Bldg 23, Room 316, 320 Yueyang Rd, Shanghai 200031, Peoples R  
China  
jwzhou@sibs.ac.cn  
SO Journal of Neurochemistry, (OCT 2005) Vol. 95, No. 2, pp. 361-376.  
CODEN: JONRA9. ISSN: 0022-3042.  
DT Article  
LA English  
ED Entered STN: 7 Dec 2005  
Last Updated on STN: 7 Dec 2005

L5 ANSWER 10 OF 27 USPATFULL on STN  
AN 2004:254340 USPATFULL  
TI Dual expression vector system for antibody expression in bacterial and  
mammalian cells  
IN Johnson, Leslie Sydnor, Darnestown, MD, UNITED STATES  
Huang, Ling, Gaithersburg, MD, UNITED STATES  
PA MacroGenics, Inc. (U.S. corporation)  
PI US 2004197866 A1 20041007  
AI US 2004-753309 A1 20040108 (10)  
PRAI US 2003-439492P 20030109 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 2883  
INCL INCLM: 435/069.100  
INCLS: 435/320.100; 435/326.000; 530/387.100; 536/023.530  
NCL NCLM: 435/069.100  
NCLS: 435/320.100; 435/326.000; 530/387.100; 536/023.530  
IC [7]  
ICM C07K016-18  
ICS C07H021-04; C12N005-06

IPCI C07K0016-18 [ICM,7]; C07H0021-04 [ICS,7]; C12N0005-06 [ICS,7]  
IPCR C07K0016-00 [I,A]; C07K0016-00 [I,C]; C07K0016-18 [I,C];  
C07K0016-28 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 11 OF 27 USPATFULL on STN  
AN 2003:187378 USPATFULL  
TI Expression of glial-derived neurotrophic factor for treatment of  
diseases of the eye  
IN Flannery, John G., Berkeley, CA, UNITED STATES  
Hauswirth, William W., Gainesville, FL, UNITED STATES  
PI US 2003129164 A1 20030710  
AI US 2002-308875 A1 20021202 (10)  
PRAI US 2001-336889P 20011203 (60)  
DT Utility  
FS APPLICATION  
LN.CNT 1627  
INCL INCLM: 424/093.200  
INCLS: 435/456.000  
NCL NCLM: 424/093.200  
NCLS: 435/456.000  
IC [7]  
ICM A61K0048-00  
ICS C12N015-861  
IPCI A61K0048-00 [ICM,7]; C12N0015-861 [ICS,7]  
IPCR A61K0038-18 [I,A]; A61K0038-18 [I,C]; A61K0048-00 [N,A];  
A61K0048-00 [N,C]; C07K0014-435 [I,C]; C07K0014-475 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 12 OF 27 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 2003047525 PCTFULL ED 20030620 EW 200324  
TIEN EXPRESSION OF GLIAL-DERIVED NEUROTROPHIC FACTOR FOR TREATMENT OF  
DISEASES OF THE EYE  
TIFR EXPRESSION DU FACTEUR DE CROISSANCE NEUROTROPHIQUE ISSU DES CELLULES  
GLIALES POUR TRAITER DES MALADIES OCULAIRES  
IN FLANNERY, John G., 1728 Marin Avenue, Berkeley, CA 94707, US;  
HAUSWIRTH, William W., 12001 SW 89th Street, Gainesville, FL 32608, US  
PA THE REGENTS OF THE UNIVERSITY OF CALIFORNIA, 1111 Franklin Street, 12th  
Floor, Oakland, CA 94607-5200, US [US, US];  
UNIVERSITY OF FLORIDA, 223 Grinter Hall, Gainesville, FL 32611, US [US,  
US]  
AG FRANCIS, Carol, L., Bozicevic, Field & Francis LLP, 200 Middlefield  
Road, Suite 200, Menlo Park, CA 94025, US  
LAF English  
LA English  
DT Patent  
PI WO 2003047525 A2 20030612  
DS W: AU CA  
RW (EPO): AT BE BG CH CY CZ DE DK EE ES FI FR GB GR IE IT LU MC NL  
PT SE SI SK TR  
AI WO 2002-US38416 A 20021202  
PRAI US 2001-60/336,889 20011203  
ICM A61K

L5 ANSWER 13 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN  
AN 2004:203017 BIOSIS  
DN PREV200400203560  
TI Cloning and characterization of a novel glial cell line - derived  
neurotrophic factor receptor alpha - like gene.  
AU Li, Z. [Reprint Author]; Wang, B. [Reprint Author]; Xu, L. [Reprint  
Author]; Zhou, J. [Reprint Author]  
CS Inst. Biochem. and Cell. Biol, Shanghai, China  
SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2003)  
Vol. 2003, pp. Abstract No. 677.1. <http://sfn.scholarone.com>. e-file.  
Meeting Info.: 33rd Annual Meeting of the Society of Neuroscience. New  
Orleans, LA, USA. November 08-12, 2003. Society of Neuroscience.  
DT Conference; (Meeting)

Conference; Abstract; (Meeting Abstract)

LA English

ED Entered STN: 14 Apr 2004  
Last Updated on STN: 14 Apr 2004

L5 ANSWER 14 OF 27 USPATFULL on STN

AN 2002:4289 USPATFULL

TI ARTEMIN, A NEUROTROPHIC FACTOR

IN MILBRANDT, JEFFREY D., ST LOUIS, MO, UNITED STATES  
BALOH, ROBERT H., ST LOUIS, MO, UNITED STATES

PI US 2002002269 A1 20020103

AI US 1998-220920 A1 19981224 (9)

RLI Division of Ser. No. US 1998-218698, filed on 22 Dec 1998, PENDING  
Continuation-in-part of Ser. No. US 1998-163283, filed on 29 Sep 1998,  
ABANDONED

PRAI US 1998-108148P 19981112 (60)

DT Utility

FS APPLICATION

LN.CNT 2669

INCL INCLM: 530/351.000  
INCLS: 530/839.000; 530/324.000; 536/023.510; 514/012.000; 435/320.100;  
435/325.000; 514/044.000; 530/387.900; 530/388.240; 435/007.100;  
435/006.000

NCL NCLM: 530/351.000  
NCLS: 435/006.000; 435/007.100; 435/320.100; 435/325.000; 530/324.000;  
530/387.900; 530/388.240; 530/839.000; 536/023.510

IC [7]  
ICM C12Q001-68  
ICS G01N033-53; A61K038-00; C07H021-04; A61K031-70; A01N043-04;  
A61K045-00; C12N015-00; C12N015-09; C12N015-63  
IPCI C12Q0001-68 [ICM,7]; G01N0033-53 [ICS,7]; A61K0038-00 [ICS,7];  
C07H0021-04 [ICS,7]; A61K0031-70 [ICS,7]; A01N0043-04 [ICS,7];  
A61K0045-00 [ICS,7]; C12N0015-00 [ICS,7]; C12N0015-09 [ICS,7];  
C12N0015-63 [ICS,7]  
IPCR A61K0038-00 [N,A]; A61K0038-00 [N,C]; A61K0048-00 [N,A];  
A61K0048-00 [N,C]; C07K0014-435 [I,C]; C07K0014-475 [I,A]

CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 15 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN

AN 2003:303993 BIOSIS

DN PREV200300303993

TI NEURONAL DEVELOPMENT AND SURVIVAL IN MICE DEFICIENT IN THE **GNDF**  
Co - **RECEPTOR RET.**

AU Oppenheim, R. W. [Reprint Author]; Prevette, D. M. [Reprint Author];  
Gould, T. [Reprint Author]; Enomoto, H.; Milbrandt, J.

CS Dept Neurobiology and Anatomy, Wake Forest Univ Sch Med, Winston-Salem,  
NC, USA

SO Society for Neuroscience Abstract Viewer and Itinerary Planner, (2002)  
Vol. 2002, pp. Abstract No. 428.16. <http://sfn.scholarone.com>. cd-rom.  
Meeting Info.: 32nd Annual Meeting of the Society for Neuroscience.  
Orlando, Florida, USA. November 02-07, 2002. Society for Neuroscience.

DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)

LA English

ED Entered STN: 2 Jul 2003  
Last Updated on STN: 2 Jul 2003

L5 ANSWER 16 OF 27 USPATFULL on STN

AN 2001:147751 USPATFULL

TI Artemin, a novel neurotrophic factor

IN Milbrandt, Jeffrey D., St. Louis, MO, United States  
Baloh, Robert H., St. Louis, MO, United States

PA Washington University, St. Louis, MO, United States (U.S. corporation)

PI US 6284540 B1 20010904

AI US 1998-220528 19981224 (9)

RLI Division of Ser. No. US 1998-218698, filed on 22 Dec 1998

Continuation-in-part of Ser. No. US 1998-163283, filed on 29 Sep 1998  
PRAI US 1998-108148P 19981112 (60)  
DT Utility  
FS GRANTED  
LN.CNT 2590  
INCL INCLM: 435/455.000  
INCLS: 435/320.100; 435/325.000; 435/366.000; 435/368.000; 435/383.000;  
435/384.000; 536/023.500  
NCL NCLM: 435/455.000  
NCLS: 435/320.100; 435/325.000; 435/366.000; 435/368.000; 435/383.000;  
435/384.000; 536/023.500  
IC [7]  
ICM C12N005-00  
ICS C12N005-08; C12N015-63; C12N015-85; C07H021-04  
IPCI C12N0005-00 [ICM,7]; C12N0005-08 [ICS,7]; C12N0015-63 [ICS,7];  
C12N0015-85 [ICS,7]; C07H0021-04 [ICS,7]  
IPCR A61K0038-00 [N,A]; A61K0038-00 [N,C]; A61K0048-00 [N,A];  
A61K0048-00 [N,C]; C07K0014-435 [I,C]; C07K0014-475 [I,A]  
EXF 530/350; 514/44; 435/4; 435/320.1; 435/5; 435/29; 536/23.5  
CAS INDEXING IS AVAILABLE FOR THIS PATENT.

L5 ANSWER 17 OF 27 MEDLINE on STN DUPLICATE 1  
AN 2001236186 MEDLINE  
DN PubMed ID: 11116144  
TI Human glial cell line-derived neurotrophic factor receptor alpha 4 is the  
receptor for persephin and is predominantly expressed in normal and  
malignant thyroid medullary cells.  
AU Lindahl M; Poteryaev D; Yu L; Arumae U; Timmusk T; Bongarzone I; Aiello A;  
Pierotti M A; Airaksinen M S; Saarma M  
CS Program in Molecular Neurobiology, Institute of Biotechnology, Viikki  
Biocenter, University of Helsinki, FIN-00014 Helsinki, Finland.  
SO The Journal of biological chemistry, (2001 Mar 23) Vol. 276, No. 12, pp.  
9344-51. Electronic Publication: 2000-12-14.  
Journal code: 2985121R. ISSN: 0021-9258.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AJ291673; GENBANK-AJ291674; GENBANK-AJ291675  
EM 200105  
ED Entered STN: 20010517  
Last Updated on STN: 20030105  
Entered Medline: 20010503

L5 ANSWER 18 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN  
AN 2001:519912 BIOSIS  
DN PREV200100519912  
TI Characterization of **mouse** transmembrane GFRalpha4 as a GFRalpha  
subunit.  
AU Piepponen, T. P. [Reprint author]; Yang, J.; Runeberg-Roos, P.; Saarma, M.  
CS Dept. of Pharmacy, Div. of Pharmacology and Toxicology, University of  
Helsinki, Helsinki, Finland  
SO Society for Neuroscience Abstracts, (2001) Vol. 27, No. 1, pp. 953. print.  
Meeting Info.: 31st Annual Meeting of the Society for Neuroscience. San  
Diego, California, USA. November 10-15, 2001.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
LA English  
ED Entered STN: 7 Nov 2001  
Last Updated on STN: 23 Feb 2002

L5 ANSWER 19 OF 27 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 2000034475 PCTFULL ED 20020515  
TIEN GRNF4, A GDNF-RELATED NEUROTROPHIC FACTOR  
TIFR FACTEUR DE CROISSANCE NEUROTROPHIQUE ISSU DES CELLULES GLIALES (GRNF4),  
UN FACTEUR NEUROTROPHIQUE

IN SIMONET, William, Scott;  
ASUNCION, Franklin, J.;  
MIN, Hosung;  
JING, Shuqian  
PA AMGEN INC.;  
SIMONET, William, Scott;  
ASUNCION, Franklin, J.;  
MIN, Hosung;  
JING, Shuqian  
LA English  
DT Patent  
PI WO 2000034475 A2 20000615  
DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CR CU CZ DE DK  
DM EE ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP  
KR KZ LC LK LR LS LT LU LV MA MD MG MK MN MW MX NO NZ PL  
PT RO RU SD SE SG SI SK SL TJ TM TR TT TZ UA UG US UZ VN  
YU ZA ZW GH GM KE LS MW SD SL SZ TZ UG ZW AM AZ BY KG KZ  
MD RU TJ TM AT BE CH CY DE DK ES FI FR GB GR IE IT LU MC  
NL PT SE BF BJ CF CG CI CM GA GN GW ML MR NE SN TD TG  
AI WO 1999-US28975 A 19991208  
PRAI US 1998-60/111,626 19981209  
ICM C12N015-12  
ICS C07K014-475; C07K016-22; C12N005-10; C12N005-12; A61K038-18; A61K035-12

L5 ANSWER 20 OF 27 MEDLINE on STN DUPLICATE 2  
AN 2000177620 MEDLINE  
DN PubMed ID: 10712625  
TI A dynamic regulation of **GDNF-family receptors**  
correlates with a specific trophic dependency of cranial motor neuron  
subpopulations during development.  
AU Mikaelis A; Livet J; Westphal H; De Lapeyriere O; Ernfors P  
CS Laboratory of Molecular Neurobiology, MBB, Karolinska Institute, S171 77  
Stockholm, Sweden.  
SO The European journal of neuroscience, (2000 Feb) Vol. 12, No. 2, pp.  
446-56.  
Journal code: 8918110. ISSN: 0953-816X.  
CY France  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
EM 200005  
ED Entered STN: 20000606  
Last Updated on STN: 20000606  
Entered Medline: 20000525

L5 ANSWER 21 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN  
AN 2000:187610 BIOSIS  
DN PREV200000187610  
TI Neurturin, RET, GFRalpha-1 and GFRalpha-2, but not GFRalpha-3, mRNA are  
expressed in mice gonads.  
AU Widenfalk, Johan [Reprint author]; Parvinen, Martti; Lindqvist, Eva;  
Olson, Lars  
CS Department of Neuroscience, Karolinska Institutet, Berzelius vag 3, S-171  
77, Stockholm, Sweden  
SO Cell and Tissue Research, (March, 2000) Vol. 299, No. 3, pp. 409-415.  
print.  
CODEN: CTSRCS. ISSN: 0302-766X.  
DT Article  
LA English  
ED Entered STN: 11 May 2000  
Last Updated on STN: 4 Jan 2002

L5 ANSWER 22 OF 27 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 1999062332 PCTFULL ED 20020515  
TIEN TRANSGENIC ANIMALS LACKING A FUNCTIONAL GFR $\alpha$ ;2 RECEPTOR AS WELL AS  
METHODS FOR THEIR PRODUCTION AND USE  
TIFR ANIMAUX TRANSGENIQUES DEFICIENTS EN RECEPTEUR DE GFR $\alpha$ ;2 FONCTIONNEL



ET LEURS METHODES DE PRODUCTION ET D'UTILISATION

IN AIRAKSINEN, Matti, Sakari;  
SAARMA, Mart

PA AIRAKSINEN, Matti, Sakari;  
SAARMA, Mart

LA English

DT Patent

PI WO 9962332 A1 19991209

DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT UA UG US UZ VN YU ZA ZW GH  
GM KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT  
BE CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ  
CF CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 1999-FI464 A 19990527

PRAI FI 1998-981217 19980529

ICM A01K067-027

ICS C12N005-16; C07K014-71

L5 ANSWER 23 OF 27 PCTFULL COPYRIGHT 2006 Univention on STN

AN 1999049039 PCTFULL ED 20020515

TIEN **GFR $\alpha$ 3** AND ITS USES

TIFR LE **GFR $\alpha$ 3** ET SES UTILISATIONS

IN DE SAUVAGE, Frederic, J.;  
KLEIN, Robert, D.;  
PHILLIPS, Heidi, S.;  
ROSENTHAL, Arnon

PA GENENTECH, INC.

LA English

DT Patent

PI WO 9949039 A2 19990930

DS W: AE AL AM AT AU AZ BA BB BG BR BY CA CH CN CU CZ DE DK EE  
ES FI GB GD GE GH GM HR HU ID IL IN IS JP KE KG KP KR KZ  
LC LK LR LS LT LU LV MD MG MK MN MW MX NO NZ PL PT RO RU  
SD SE SG SI SK SL TJ TM TR TT UA UG UZ VN YU ZA ZW GH GM  
KE LS MW SD SL SZ UG ZW AM AZ BY KG KZ MD RU TJ TM AT BE  
CH CY DE DK ES FI FR GB GR IE IT LU MC NL PT SE BF BJ CF  
CG CI CM GA GN GW ML MR NE SN TD TG

AI WO 1999-US6098 A 19990319

PRAI US 1998-60/079,124 19980323

US 1998-60/081,569 19980413

ICM C12N015-12

ICS C07K014-71; C12N015-85; C12N015-70; C12N015-81; C12N001-19; C12N005-10;  
C12N001-21; C07K019-00; C07K016-28; G01N033-68; C12Q001-42; A61K039-395

L5 ANSWER 24 OF 27 MEDLINE on STN

AN 1998245162 MEDLINE

DN PubMed ID: 9576965

TI **GFR $\alpha$ 3** is an orphan member of the **GNDF**  
/neurturin/persephin **receptor** family.

AU Baloh R H; Gorodinsky A; Golden J P; Tansey M G; Keck C L; Popescu N C;  
Johnson E M Jr; Milbrandt J

CS Department of Pathology and Internal Medicine, Molecular Biology, and  
Pharmacology, Washington University School of Medicine, 660 South Euclid  
Avenue, Box 8118, St. Louis, MO 63110, USA.

NC R01 AG13729 (NIA)  
R01 AG13730 (NIA)

SO Proceedings of the National Academy of Sciences of the United States of  
America, (1998 May 12) Vol. 95, No. 10, pp. 5801-6.  
Journal code: 7505876. ISSN: 0027-8424.

CY United States

DT Journal; Article; (JOURNAL ARTICLE)

LA English

FS Priority Journals

OS GENBANK-AF051766; GENBANK-AF051767

EM 199806

ED Entered STN: 19980708

Last Updated on STN: 19980708  
Entered Medline: 19980619

L5 ANSWER 25 OF 27 BIOSIS COPYRIGHT (c) 2006 The Thomson Corporation on  
STN  
AN 1999:80377 BIOSIS  
DN PREV199900080377  
TI Expression and regulation of **GFRalpha3**, a novel **GDNF**  
**receptor** family member present in the surviving neurons of the  
GDNF mutant mice.  
AU Baudet, C. [Reprint author]; Naveilhan, P. [Reprint author]; Mikaelis, A.  
[Reprint author]; Meister, B.; Shen, L.; Westphal, H.; Ernfors, Patrik  
[Reprint author]  
CS Dep. Mol. Neurobiol., Karolinska Inst., S171 77 Stockholm, Sweden  
SO Society for Neuroscience Abstracts, (1998) Vol. 24, No. 1-2, pp. 1544.  
print.  
Meeting Info.: 28th Annual Meeting of the Society for Neuroscience, Part  
2. Los Angeles, California, USA. November 7-12, 1998.  
ISSN: 0190-5295.  
DT Conference; (Meeting)  
Conference; Abstract; (Meeting Abstract)  
Conference; (Meeting Poster)  
LA English  
ED Entered STN: 1 Mar 1999  
Last Updated on STN: 1 Mar 1999

L5 ANSWER 26 OF 27 MEDLINE on STN DUPLICATE 3  
AN 1998115914 MEDLINE  
DN PubMed ID: 9448325  
TI Expression and regulation of **GFRalpha3**, a glial cell  
line-derived neurotrophic factor family receptor.  
AU Naveilhan P; Baudet C; Mikaelis A; Shen L; Westphal H; Ernfors P  
CS Laboratory of Molecular Neurobiology, Department of Medical Biochemistry  
and Biophysics, Karolinska Institute, S17177 Stockholm, Sweden.  
SO Proceedings of the National Academy of Sciences of the United States of  
America, (1998 Feb 3) Vol. 95, No. 3, pp. 1295-300.  
Journal code: 7505876. ISSN: 0027-8424.  
CY United States  
DT Journal; Article; (JOURNAL ARTICLE)  
LA English  
FS Priority Journals  
OS GENBANK-AF036163  
EM 199803  
ED Entered STN: 19980319  
Last Updated on STN: 20000303  
Entered Medline: 19980311

L5 ANSWER 27 OF 27 PCTFULL COPYRIGHT 2006 Univentio on STN  
AN 2006023781 PCTFULL  
no bibliographic data available - please use FPI for PI information